

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501916

Serial No. 1st and final bill
Name of Work Package-9 CIRCULAR 2 WORKS OF RS: 200.00 EACH
Name of Contractor of nature of Agency SRI NARAYAN KUMAR K.N. B'OTE-10
Date of commencement of work D.D. R: 30/06/21, 01/07/21

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost RS: 200.00 each Head of A/C: P-3/11 WORK ORDER NO: BBMP/EE/BTP/WD/162/2018-19 Date: 03/11/2018 WORK CODE NO: 011-18-000039, 011-18-000041. Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, roads, drains and treating underground cables) and removing the stuff etc. Quantity vide E.M.B.P. NO: = 599.53 cum Rate at RS: 187/cum = 112112.00/-						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item NO. 2)	Removing B.S. slabs of Drains and stacking as per the direction etc. Quantity vide EMB P. NO					= 0.00 SOM = 0.00	
Item NO. 3)	Removing and refining stone slabs of Drains and pointing in CM (1:3) as per the direction etc. - Quantity vide EMB P. NO					= 130.41 SOM	
						Rate at Rs: 90.00/SOM = 11737.00	
Item NO. 4)	providing granite slabs of selected quantity Roughly dressed having a size of 7.5cm thick and fixed in cement mortar (1:6) including fixing curing etc. Quantity vide EMB P. NO					= 21.74 SOM	
						Rate at Rs: 748/SOM = 16258.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

501917

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Providing granite slabs of Selected quality roughly a size 410cm x 31cm etc.					= 0.00 sqm	
	Quantity vide EMB P.NO						
	Rate at Rs: 0.00/sqm					= 0.00/-	
	Earthwork excavation by manual means in ordinary soil etc..					= 0.00 cum	
	Quantity vide EMB P.NO						
	Rate at Rs: 0.00/cum					= 0.00/-	
	Excavation in soil using hydraulic excavator or 90 and tipper with disposal					= 226.16 cum	
	Quantity vide E.M.B P.NO						
	Rate at Rs: 54/cum					= 12213.00/-	

54

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item NO. 8)	Level for disposal of earth shall be payable at carriage rates (level and lift) by mechanical means etc. - Quantity vide E MB P. NO					= 825.69 cum = 104863.50	
						Rate at Rs: 127.00/cum	
Item NO. 9)	Construction of embankment with approved material ground/minim with all lift and up & down transporting to site, spreading, grading to required slope and compaction etc. - Quantity vide E MB P. NO:					= 545.93 cum Rate at Rs: 360.00/cum	= 196462.08
Item NO. 10)	Compaction of original ground with minimum of 6 passes of 8 to 10 tonnes power roller including filling in depressions etc.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

501918

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity up to 125t					= 2956.73 cum	
						Rate at RS: 600/cum	= 17741.00/-
	Quantity Above 125t					= 2481.39 cum	
						Rate at RS: 7.15/cum	= 17753.00/-
	providing, laying, spreading, and compacting crushed stone aggregates of granite (trap) basalt to meet minimum specification etc.						
	Quantity up to 125t					= 749.79 cum	
						Rate at RS: 1989/cum	= 1491328.00/-

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Quantity ABOVE 1251.				= 726.66 cum		
					Rate at RS: 2251.24/cum	= 1635856.00	
Item NO 12	Scarifying bituminous course 50mm to 75mm thick along 10m premium carpet/surface crumping by manual means etc..						
	Quantity UP TO 1251.				= 193.05 50mm		
					Rate at RS: 68/50mm	= 13128.00	
	Quantity ABOVE 1251.				= 5245.06 50mm		
Item NO 13	cleaning the existing WBM Road surface including removing of bitumen material etc..						
					Rate at RS: 107.32/50mm	= 562877.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501919

Serial No.
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Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Quantity vide EMB P.NO				= 630.22 sqm		
	Rate as Rs: 15.50 / sqm					= 9769.00/-	
	Previously and applying tack coat using SDMD grade bitumen over granular base such as WBM surface not bitumen primed at 4th Per 10 sqm heating bitumen in boiler with spray etc.				= 3195.89 sqm		
	Quantity up to 1251.				Rate as Rs: 21.00 / sqm	= 67114.00/-	
	Quantity above 1251.				= 515.67 sqm		
	Rate as Rs: 23.85 / sqm					= 13014.00/-	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item NO 15)	priming and laying bituminous macadam on prepared surface with crushed coarse as per design mix formula for base binding course including loading etc.						
	Quantity up to 1251.				167.79 cum		
		Rate at RS:	6450/cum			=	1082230.00
	Quantity ABOVE 1251.				19.29 cum		
		Rate at RS:	7187.75/cum			=	138657.00
Item NO 16)	clearing the existing black topped surface with brooms soft brushes and finally cleaning with DP/Gunny bags						
	Quantity vide EMB P.NO				26216.90 som		
		Rate at RS:	4.00/som			=	104867.00

104867.00

M. A. R. 57 (Rule 116)
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No. B

501920

Serial No.

Name of Work From To

Name of Contractor or nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing and Applying tack coat using 80/100 grade bitumen (Emulsion) in boiler fitted with spray set distributor etc..						
	Quantity vide EMB P.MD					= 26216.70 sqm	
	Rate at Rs: 1000/sqm					= 26216.70	
	providing and laying bituminous concrete using crushed aggregates of specified grading, primed with bituminous binder etc..						
	Quantity vide EMB P.MD					= 1048.67 cum	
	Rate at Rs: 10138/cum					= 10631396.00	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item NO 19) Road marking with HOT Applied Thermoplastic compound with Reflective Glass Beads on bituminous surface etc - Quantity vide EMB PWD Rate at RS: 610.00/sqm = 517.96 sqm = 315956.00/-						
	Item NO 20) Dismantling of cement concrete Pavement by mechanical means using pneumatic tools etc - Quantity vide EMB PWD = 0.00 cum = 0.00/-						
	Item 21) construction of Dry lean cement concrete in cc: 1:5:10 in top Quantity vide EMB PWD = 0.00 cum = 0.00/-						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501921

Serial No.

Name of Work From..... To.....

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	22) Cement concrete Pavement construction of un-rd to kerb repair cement concrete pavement etc. - Quantity vide EMB P.M.D					= 0.00 cum = 0.001-	
	23) Road marking with HOT applied Thermoplastic compound with Reflecting Glass Beads on concrete surface etc. - Quantity vide EMB P.M.D					= 0.00 cum = 0.001-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E1	construction of granular sub-base grading & sub-base and drainage layer by providing coarse graded etc - Quantity vide EMB P.NO = 1158.58 cum Rate at RS: 2244.09/cum = 2599954.00/- Total Amt Rs = 1,97,17,482.00/- <u>Certificate:</u> 1) The work executed by the contractor is found satisfactory 2) There are no departmental issues for this work						

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No. B

501922

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Singapore Paradise 1st main Road 162.80m 123.00m Singapore Main Road						

Assistant Executive Engineer
Hydrographic Sub Division

MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	<i>Singapore Garden Water Road</i> <i>Singapore Garden</i> 1st cross 135.10m 2nd cross 135.50m 3rd cross 134.60m 4th cross 131.00m 5th cross 129.00m 1st A. Chom 152.20m 2nd 75' Chom 117.50m 3rd c chom 71.80m 68.50m 6th D. Chom 65.40m 5th ECR 39.00m 01/07/21						

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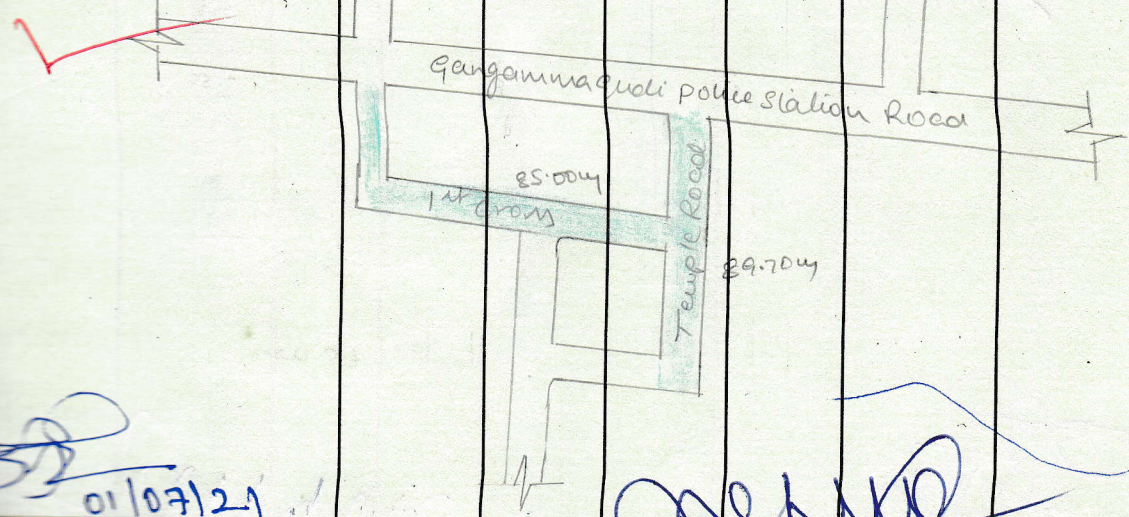
501923

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
							

01/07/21

Assistant Executive Engineer
Vidvaranapura Sub Division

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Naiside layout Main Road 11th cross Road 89.00m 10th cross Road 94.00m 9th cross Road 87.50m 8th cross Road 80.00m 01/07/21						

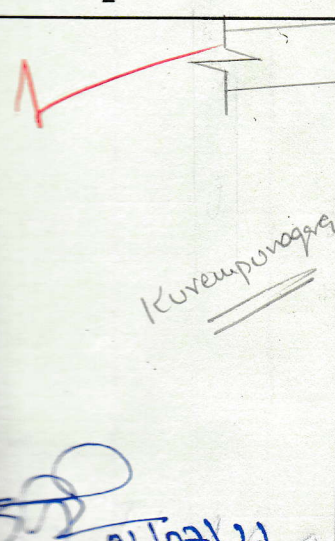
Assistant Executive Engineer
Public Works Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B

501924

Serial No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			9.15	7.0	71.80	52.80	
			7.0	7.0	71.80	71.60	
			7.2	7.2	71.80		

Assistant Executive Engineer
Vidyaranya Sub Division
Bangalore 07

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Somantha layout Seenuappa garden 175.00m 130.60m 1st main 143.50m 2nd main 137.40m 3rd main 140.10m 4th main 139.70m 5th main 01/07/21						

Assistant Engineer
Tidvaranapura Sub Division

501925

Date of commencement of work

Assistant Executive Engineer

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<i>Final & Final Bill</i>						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ <i>P-3111</i> ರಡಿ ಜಲ್ಲ ಮೊಬಲಗು ರೂ. <i>19417000=00</i> ಗಣನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲ ರೂ. <i>1780001=00</i> ಗಣನ್ನು ಪೂಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. <i>17636999=00</i> ಗಣನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ <i>10/08</i> ನಿರ್ವಾಹಕರು ಬ್ಯಾಂಕರಾಯನಮರ ವಿಭಾಗ ಬ್ಯಾಂಕರಾಯನಮರ ವಿಭಾಗ ಬೃ.ಬಿ.ಮ.ಪಾ. ಬೆಂಗಳೂರು ಬೃ.ಬಿ.ಮ.ಪಾ. ಬೆಂಗಳೂರು					<i>Bill Amount = 19417000=00</i> <i>RT - 194170=00</i> <i>LC - 194170=00</i> <i>CBF - 19417=00</i> <i>CGST - 173367=00</i> <i>SGST - 173367=00</i> <i>Royalty - 400200=00</i> <i>EOT - 42800=00</i> <i>FSD - 582510=00</i> <i>T.D - 1780001=00</i> <i>Chexamt. 17636999=00</i>	